

US Department of Commerce Patent and Trademark Office	ATTY CLIENT- MATTER NO: 67545-019	SERIAL NO. 10/611,658
APPLICANT: Richard A. Thomas		
INFORMATION DISCLOSURE STATEMENT BY APPLICANT	FILING DATE: June 30, 2003	GROUP: Not Yet Known

#### U.S. PATENT DOCUMENTS

EXAM. INITIALS	DOCUMENT NUMBER	DATE	NAME	CLASS	SUB- CLASS	FILING DATE
ASJ	4,765,737	08/23/88	Harris et al.	356	336	
	6,025,128	02/15/00	Veltri et al.	435	6	

#### FOREIGN PATENT DOCUMENTS

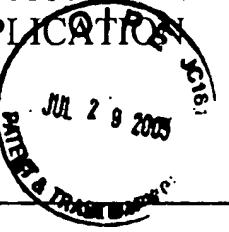
EXAM. INITIALS	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB- CLASS	TRANSLATION (YES/NO)
ASJ	WO 90/02337	03/08/90	PCT			
	WO 97/12247	04/03/97	PCT			
	WO 97/43732	11/20/97	PCT			

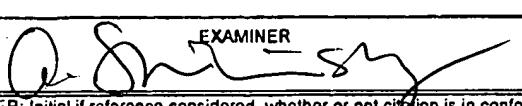
#### OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages)

ASJ	ASJ	Nickerson, "Nuclear Dreams: The Malignant Alteration of Nuclear Architecture," <u>Journal of Cellular Biochemistry</u> 70:172-180 (1998).

EXAMINER	<u>A. S. Thomas</u>	DATE CONSIDERED	<u>8/30/2006</u>
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<b>U.S. PATENT DOCUMENTS</b>						
EXAMINER'S INITIALS	CITE NO.	Document Number Number-Kind Code <sub>2</sub> ( <i>if known</i> )	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	
WS	1.	US 2,656,508	10/20/1953	Coulter		
	2.	US 4,298,836	11/3/1981	Groves et al.		
	3.	US 4,818,103	4/4/1989	Thomas et al.		
	4.	US 6,228,652	5/8/2001	Rodriguez et al.		
<b>FOREIGN PATENT DOCUMENTS</b>						
EXAMINER'S INITIALS	CITE NO.	Foreign Patent Document Country Codes-Number & Kind Codes ( <i>if known</i> )	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines Where Relevant Figures Appear	Translation
					Yes	No
<b>OTHER ART</b> (Including Author, Title, Date, Pertinent Pages, Etc.)						
EXAMINER'S INITIALS	CITE NO.	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.				
WS	5.	AALTOMAA et al., "The significance of nuclear morphometric variables as prognostic predictors in breast cancer," <i>Anticancer Res.</i> 11:1663-1670 (1991).				
	6.	ALLISON et al., "Computerized measurement of the DNA content, areas, and autoradiographic grains of the same nuclei: Demonstration that lightly ( <sup>3</sup> H) Thymidine-labeled bone marrow cells are predominantly in G0/G1 and G2," <i>J. Histochem. Cytochem.</i> 32:1197-1203 (1984).				
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	8.	BJELKENKRANTZ, "An evaluation of Feulgen-Acriflavine-SO <sub>2</sub> and Hoechst 33258 for DNA cytofluorometry in tumour pathology," <i>Histochem.</i> 79(2):177-191 (1983).				
	9.	COHN et al., "Nuclear and nucleolar protein during the cell cycle in differentiating <i>Pisum sativum</i> vascular tissue," <i>Histochem.</i> 79(3):353-364 (1983).				
	10	COLLAS et al., "Lipophilic organizing structures of sperm nuclei target membrane vesicle binding and are incorporated into the nuclear envelope," <i>Dev. Biol.</i> 169(1):123-135 (1995).				
	11	DARZYNKIEWICZ et al., "Accessibility of DNA <i>In Situ</i> to various fluorochromes: Relationship to Chromatin changes during erythroid differentiation of friend Leukemia				

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<i>as</i>	<p>28 ORMEROD, Flow Cytometry, 2d Ed., BIOS Scientific Publishers Limited, 1999.</p> <p>29 PIWNICKA et al., "RNA and DNA content of isolated cell nuclei measured by multiparameter flow cytometry," <u>Cytometry</u> 3(4):269-275 (1983).</p> <p>30 ROTI et al., "Cell-cycle position and nuclear protein content," <u>Cytometry</u> 3(2):91-96 (1982).</p> <p>31 SCHABRONATH et al., "Cytofluorometric determination of protein-bound thiols and DNA in cell nuclei," <u>Cytometry</u> 11(3):333-340 (1990).</p> <p>32 SCHIECK et al., "Dry mass, DNA and non-histone protein determinations in lung cancer cells," <u>Histochemical J.</u> 19:504-508 (1987).</p> <p>33 SCHUETTE et al., "Design of flow chamber with electronic cell volume capability and light detection optics for multilaser flow cytometry," <u>Cytometry</u> 5:652-656 (1984).</p> <p>34 SCHULTE et al., "Simultaneous quantification of DNA and RNA in tissue sections. A comparative analysis of the methyl green-pyronin technique with the gallocyanin-chromalum and Feulgen procedures using image cytometry," <u>Histochem. J.</u> 24(6):305-310 (1992).</p> <p>35 SHANKEY et al., "Guidelines for implementation of clinical DNA cytometry," <u>Cytometry</u> 14:472-477 (1993).</p> <p>36 SHARPLESS et al., "Flow cytofluorimetry: Discrimination between single cells and cell aggregates by direct size measurements," <u>Acta. Cytol.</u> 19:577-581 (1975).</p> <p>37 STAIANO-COICO et al., "RNA and DNA content of isolated nuclei from bladder irrigation specimens as measured by flow cytometry," <u>Analytical and Quantitative Cytology</u> 6:24-29 (1984).</p> <p>38 STAL and HATSCHEK, "A rapid system for static cytofluorometry enabling the simultaneous determination of nuclear size and DNA content," <u>Path. Res. Pract.</u> 183:329-335 (1988).</p> <p>39 STEINKAMP et al., "Improved multilaser/multiparameter flow cytometer for analysis and sorting of cells and particles," <u>Rev. Sci. Instrum.</u> 62(11):2751-2764 (1991).</p> <p>40 TANKE et al., "Acriflavine-Feulgen stilbene staining: a procedure for automated cervical cytology with a television based system (LEYTAS)," <u>J. Histochem. Cytochem.</u> 27:84-86 (1979).</p> <p>41 TEODORI et al., "Cellular heterogeneity of DNA/total-protein content in human lung tumors, as determined by flow cytometry," <u>Int. J. Cancer</u> 50:845-853 (1992).</p> <p>42 TEODORI et al., "DNA/Protein Flow Cytometry as a predictive marker of malignancy in dysplasia-free barrett's esophagus: thirteen-year follow-up study on cohort of patients," <u>Cytometry</u> 34:257-263 (1998).</p> <p>43 THOMAS et al., "Computer-based electronic cell volume analysis with the AMAC II transducer," <u>J. Histochem. Cytochem.</u> 22(7):626-641 (1974).</p> <p>44 TSUTSUI et al., "Silver staining for selective detection of histones in polyacrylamide</p>		

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68	gels," <u>Anal. Biochem.</u> 146(1):111-117 (1985).		
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